

Please add the following claims:

28. An image forming apparatus comprising:

an image bearing member;

image forming means for forming a toner image on said image bearing member, wherein the toner image is transferred onto a transfer medium from said image bearing member;

density detecting means for detecting a density of the toner image transferred to the transfer medium; and

image forming condition control means for controlling an image forming condition by said image forming means based on the detection output of said density detection means,

wherein a transfer intensity is changeable in accordance with a density of the other image for density detection formed on said image bearing member by said image forming means when the toner image for density detection is transfer from said image bearing member to the transfer medium.

29. An apparatus according to Claim 28, wherein the transfer intensity when the toner image for density detection has a maximum density image formed on said image bearing member by said image forming means is transferred onto the transfer medium than when the toner image for density detection having a halftone density image formed on said image bearing member by said image forming means is transferred onto the transfer medium.

³⁰~~31~~. An apparatus according to Claim ²⁸~~29~~ or ²⁹~~30~~, wherein said image forming means includes exposure means for exposing a surface of said image bearing member, which has been electrically charged to in accordance with image information with an exposure amount, which is changeable in accordance with the density of the toner image formed on said image bearing member by said image forming means.

³¹~~32~~. An apparatus according to Claim ³⁰~~31~~, wherein a surface potential of said image bearing member exposed by said exposure means is changeable in accordance with a density of the total image for density detection to be formed on said image bearing member by said image forming means.

³²~~33~~. An apparatus according to Claim ²⁸~~29~~ or ²⁹~~30~~, wherein the transfer intensity when the toner image for density detection is transferred onto the transfer medium is changeable in accordance with a tone gradation level of the toner image formed on said image bearing member by said image forming means.

³³~~34~~. An apparatus according to Claim ²⁸~~29~~, wherein said image forming means includes exposure means for exposing a surface of said image bearing member which has been electrically charged to in accordance with image information with an exposure amount which is changeable in accordance with the density of the toner image for density detection to be formed on said image bearing member by said image forming means.

34 35. An apparatus according to Claim ³²~~33~~, wherein said image forming means includes exposure means for exposing a surface of said image bearing member which has been electrically charged to in accordance with image information with an exposure amount which is changeable in accordance with the density of the toner image for density detection to be formed on said image bearing member by said image forming means.

35 36. An apparatus according to Claim ³³~~34~~ or ³⁴~~35~~, wherein a surface potential of said image bearing member exposed by said exposure means is changeable in accordance with a density of a total image to be formed on said image bearing member by said image forming means.

36 37. An apparatus according to Claim ²⁸~~29~~, further comprising transfer means supplied with a voltage to transfer the toner image, wherein the transfer intensity is a voltage supplied to said transfer means.

37 38. An apparatus according to Claim ²⁸~~29~~, further comprising ambient condition detecting means for detecting an ambient condition, wherein the transfer intensity is controlled on the basis of an output of said ambient condition detecting means.

38 39. An apparatus according to Claim ³⁷~~38~~, wherein said ambient condition detecting means detects temperature.

~~39~~ 40. An apparatus according to Claim ~~37~~ ³⁸ or ~~39~~ ³⁸, wherein said ambient condition detecting means detects humidity.

~~40~~ 41. An apparatus according to Claim ~~28~~ ²⁸, further comprising image forming condition control means for controlling an image forming condition by said image forming means based on the detection output of said density detecting means.

~~41~~ 42. An apparatus according to Claim ~~41~~ ⁴⁰, further comprising developing means for developing a latent image formed on said image bearing member, wherein said image forming condition control means controls a voltage applied to said developing means on the basis of the detection output of said density detecting means.

~~42~~ 43. An image forming apparatus comprising:

- an image bearing member;
- image forming means for forming a toner image, wherein the toner image is transferred onto a transfer medium from said image bearing member;
- density detecting means for detecting a density of the toner image for density detection transferred onto the transfer medium;
- ambient condition detecting means for detecting an ambient condition; and
- control means for controlling a transfer intensity upon transfer of the toner image onto the transfer medium.

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~~44~~. An apparatus according to Claim ~~43~~⁴², wherein said ambient condition detecting means detects temperature.

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~~45~~. An apparatus according to Claim ~~43~~⁴² or ~~44~~⁴³, wherein said ambient condition detecting means detects humidity.

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~~46~~. An apparatus according to Claim ~~43~~⁴², further comprising transfer means supplied with a voltage to transfer the toner image, wherein the transfer intensity is a voltage supplied to said transfer means.

~~46~~
~~47~~. An apparatus according to Claim ~~43~~⁴², further comprising image forming condition control means for controlling an image forming condition by said image forming means based on the detection output of said density detecting means.

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~~48~~. An apparatus according to Claim ~~47~~⁴⁶, further comprising developing means for developing a latent image formed on said image bearing member, wherein said image forming condition control means controls a voltage applied to said developing means on the basis of the detection output of said density detecting means.

REMARKS

This is a continuation application of Application No. 08/521,835, filed August 31, 1995.